AMENDMENTS TO THE SPECIFICATION:

Please amend the indicated paragraphs of the specification in accordance with the amendments indicated below.

Page 3: paragraph d), amend as indicated below:

from the evaluations of the progress determined, evaluations of the progress for those time sections of

~~$$D^*(t) = \frac{(t_n - t)\cdot D(n-1) + (t - t_{n-1})\cdot D(n)}{t_n - t_{n-1}}, t \in [t_{n-1}, t_n]$$~~

$$D^*(t) = \frac{(t_n - t)\cdot D(t_{n-1}) + (t - t_{n-1})\cdot D(t_n)}{t_n - t_{n-1}}, t \in [t_{n-1}, t_n]$$

being calculated by interpolation, for which reference values are available,

Page 4: paragraph f), amend as indicated below:

from the similarity dimensions for all reference values, those reference values being determined, which have a high similarity in the mathematical sense, such as the

greatest similarity:

~~$$A^* = \underbrace{\max}_{j=1,\ldots,J} \{A_j\}$$~~

$$A^* = \underbrace{\min}_{j=1,\ldots,J} \{A_j\}$$

positive alternative (+):

$$A^+ = \underbrace{\min}_{j=1,\ldots,J;\, A_j \neq A^*;\, R_j(t_N) > D(t_N)} \{A_j\}$$

negative alternative (-):

$$A^- = \underbrace{\min}_{j=1,\ldots J;\, A_j \neq A^*;\, R_j(t_n) < D(t_n)} \{A_j\}$$

with subsequent output of the type description as text component for describing the situation;

Page 9: paragraph d), amend as indicated below:

From the evaluations of the progress obtained, evaluations of the progress for those time intervals of

$$D^*(t) = \frac{(t_n - t)\cdot D(tn-1) + (t - t_{n-1})\cdot D(n)}{t_n - t_{n-1}} \quad ,t \in [t_{n-1}, t_n]$$

$$D^*(t) = \frac{(t_n - t)\cdot D(t_{n-1}) + (t - t_{n\ 1})\cdot D(t_n)}{t_n - t_{n-1}} \quad ,t \in [t_{n-1}, t_n]$$

are calculated by interpolation, for which reference values are available;

Interpolated Evaluations of Progress at Imaginary Measurement Times at 6-Month Intervals.

Page 10: paragraph f), amend as indicated below:

from the similarity dimensions for all reference values, those reference values are determined, which have a high similarity in the mathematical sense, such as the

greatest similarity:

~~$$A^* = \max_{j=1,\ldots,j} \{A_j\} = 0{,}00$$~~

$$A^* = \min_{j=1,\ldots,j} \{A_j\} = 0{,}00$$

positive alternative (+):

$$A^+ = \min_{j=1,\ldots J;\, A_j \neq A^*;\, R_j(t_N) > D(t_N)} \{A_j\} = 0{,}03$$

negative alternative (-):

$$A^- = \min_{j=1,\ldots J;\, A_j \neq A^*;\, R_j(t_n) < D(t_n)} \{A_j\} = 0{,}06$$